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PTO/SB/01 (10-00)

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)</b>  <input checked="" type="checkbox"/> Declaration Submitted with Initial Filing    OR <input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16(e)) required)	<b>Attorney Docket Number</b>	QT-2002-3-NP
	<b>First Named Inventor</b>	Gareth J. Knowles
	<b>COMPLETE IF KNOWN</b>	
	<b>Application Number</b>	/
	<b>Filing Date</b>	02/12/2002
	<b>Group Art Unit</b>	
	<b>Examiner Name</b>	

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

A Reduced Component Drive Circuit

the specification of which

(Title of the Invention)

☒ is attached hereto

OR

☐ was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application	Foreign Filing Date	Priority	Certified Copy Attached? YES      NO
		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	
60/268,096	02/12/2001	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE**DECLARATION — Utility or Design Patent Application**Direct all correspondence to: ☐ Customer Number or Bar Code Label ☒ OR ☒ Correspondence address below

Name Michael G. Crilly, Esquire

Address 104 South York Road

Address

City Barbers

State PA

ZIP 19040

Country USA

Telephone 215-672-6228

Fax 215-672-1639

I hereby declare that all statements made herein at my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under the U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**NAME OF SOLE OR FIRST INVENTOR:**☐ A petition has been filed for this unsigned inventor

Given Name

(first and middle (if any)) Garish J.

Family Name

Kawals

Inventor's  
Signature

Date 2/12/02

Residence: City Williamsport

State PA

Country USA

Citizenship USA

Mailing Address 4121 Jacks Hollow Road

Mailing Address

City Williamsport

State PA

ZIP 17702

Country USA

**NAME OF SECOND INVENTOR:**☐ A petition has been filed for this unsigned inventor

Given Name

(first and middle (if any)) Bruce

Family Name

Bower

Inventor's  
Signature

Date 12 Feb 02

Residence: City Williamsport

State PA

Country USA

Citizenship USA

Mailing Address 4121 Jacks Hollow Road

Mailing Address

City Williamsport

State PA

ZIP 17702

Country USA

☒ Additional inventors are being named on the Additional Inventor(s) sheet(s) PTO/BB/02A attached hereto.

02/12/2002 14:13

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GLENN J BROWN ESQ

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Please type a plus sign (+) inside this box ☐

PTO/US-COA (11-00)

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## DECLARATION

ADDITIONAL INVENTOR(S)  
Supplemental Sheet  
Page 1 of 1

Name of Additional Joint Inventor: <i>John Murray</i>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle initials)		Family Name or Surname	
John		Murray	
Inventor's Signature	<i>John Murray</i>		Date 2/12/2002
Residence: City	Capitowich	State NY	Country USA
Residence: State	NY	Country	USA
Residence: Country	USA	Citizenship	USA
Mailing Address			
79 Sewardtown Pol Blvd			
Mailing Address			
City			
Capitowich	State NY	ZIP 11720	Country USA
Name of Additional Joint Inventor: <i>John Murray</i>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle initials)		Family Name or Surname	
John		Murray	
Inventor's Signature			Date
Residence: City		State	Country
Residence: State		Country	Citizenship
Mailing Address			
Mailing Address			
City			
	State	ZIP	Country
Name of Additional Joint Inventor: <i>John Murray</i>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle initials)		Family Name or Surname	
John		Murray	
Inventor's Signature			Date
Residence: City		State	Country
Residence: State		Country	Citizenship
Mailing Address			
Mailing Address			
City			
	State	ZIP	Country

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Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

# **STATEMENT CLAIMING SMALL ENTITY STATUS (37 CFR 1.9(f) & 1.27(c)) - SMALL BUSINESS CONCERN**

Docket Number (Optional)  
QT-2002-3-NP

Applicant, Patentee, or Identifier: Garrett J. Knowles, John Murray

Application or Patent No.: Non-Provisional Application

Filed or Issued:

Title: A Reduced Component Drive Circuit

I hereby state that I am

- ☒ the owner of the small business concern identified below;  
☐ an official of the small business concern empowered to act on behalf of the concern identified below.

NAME OF SMALL BUSINESS CONCERN: QorTek, Inc.

ADDRESS OF SMALL BUSINESS CONCERN: 4121 Jacks Hollow Road, Williamsport, PA 17702

I hereby state that the above identified small business concern qualifies as a small business concern as defined in 13 CFR Part 121 for purposes of patent reduced fees to the United States Patent and Trademark Office. Questions related to size standards for a small business concern may be directed to Small Business Administration, Size Standards Staff, 409 Third Street, SW, Washington, DC 20535.

I hereby state that rights under patent or law have been conveyed to and remain with the small business concern identified above with regard to the invention described in:

- ☒ the specification filed herewith with title as listed above;  
☐ the application identified above;  
☐ the patent identified above.

If the rights held by the above identified small business concern are not exclusive, each individual, concern, or organization having rights in the invention must file separate statements as to their status as small entities, and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c) & that person made the invention solely by any concern which would not qualify as a small business concern under 37 CFR 1.9(d), or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern, or organization having any rights in the invention is listed below:

- ☒ no such person, concern, or organization exists.  
☐ each such person, concern, or organization is listed below.

Separate statements are required from each named person, concern or organization having rights to the invention stating their status as small entities. (37 CFR 1.22)

I acknowledge the duty to file in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.26(b))

NAME OF PERSON SIGNING: Garrett J. Knowles

TITLE OF PERSON IF OTHER THAN OWNER: President

ADDRESS OF PERSON SIGNING: 4121 Jacks Hollow Road, Williamsport, PA 17702

SIGNATURE



DATE

2/12/02

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are spending to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20531. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20531.

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
**POWER OF ATTORNEY**

Docket No.

QT-2002-3-NP

Name of Applicant: **Qor-Tek, Inc.**  
Address of Applicant: **4121 Jacks Harbor Road**  
**Williamsport, PA 17702**

Title: **A Reduced Component Drive Circuit**

Serial No., if Any:

Filed: **02/12/2002****TO THE ASSISTANT COMMISSIONER FOR PATENTS**

The Assistant Commissioner for Patents  
Washington, D.C. 20231

Honorable Sir:  
I hereby appoint:

**Michael G. Crilly, Esquire Registration No. 44,631**

as principal attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please direct all future correspondence to:

**Michael G. Crilly, Esquire**  
**104 South York Road**  
**Hatboro, PA 19040**

By:

*Bruce Bowen*Dated: 12 Feb 02